



SPECIFICATION

TITLE OF THE INVENTION

POWER GENERATING WIND TURBINE

TECHNICAL FIELD

5 The present invention relates to a power generating wind turbine.

BACKGROUND ART

10 A power generating wind turbine comprises a nacelle installed on a tower, a wind turbine rotating blade, a gear-box inputted with a wind force received by the wind turbine rotating blade via a main shaft and a generator driven by an output of the gear-box. Such power generating wind turbine is known, for example, by Patent Documents 1 to 3 as mentioned below.

15 In the Patent Document 1, for example, a power generating wind turbine is disclosed having a structure in which a rotor provided with a wind turbine rotating blade is directly installed on a planetary carrier of a gear-box to be supported to the gear-box.

20 Also, in the Patent Document 2, a power generating wind turbine is disclosed having a structure in which a rotor hub is directly installed on a planetary holder to be supported to a gear-box.

Further, in the Patent Document 3, a power generating wind turbine is disclosed having a structure in which a rotor is assembled

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